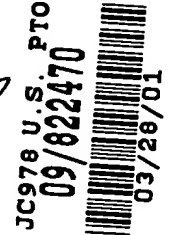


#2 9-8-01

D. J. #2 9-8-01  
1154/Refers

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Durand R. Begault

Examiner: Unassigned

Application No.: Unassigned

Art Unit: Unassigned

Filed: Herewith

**INFORMATION DISCLOSURE  
STATEMENT UNDER  
37 CFR §1.97 and §1.98**For: AUDITORY ALERT SYSTEMS  
WITH ENHANCED DETECTABILITY

---

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. A copy of each is enclosed.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 14-0116.

Please charge any additional fee or credit any overpayment to the above-noted Deposit Account.

Respectfully submitted,

Reg. No. 45,788

Telephone: (650) 604-4294

*March 28, 2001*  
*Carla M. Wong* *45,788*  
\_\_\_\_\_  
Carla M. Wong Date  
NASA Ames Research Center  
Mail Stop 202A-3  
Moffett Field, CA 94035-1000

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

<b>Application Number</b>	
<b>Filing Date</b>	March 28, 2001
<b>First Named Inventor</b>	Durand R. Begault
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	ARC-14556-1

09/822470



03/28/01

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Date Considered

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Approved for use through 10/31/2002. OMB 0651-0031

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		Application Number	
		Filing Date	March 28, 2001
		First Named Inventor	Durand R. Begault
		Group Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	ARC-14556-1

15978 U.S. PTO 09/822470



OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	✓	H. Fletcher, Rev. Mod. Phys. Vol. 12 (1940) pp. 47-65	
		K. Zwicker, Jour. Acoust. Soc. Amer., Vol. 33 (1961), p. 248	
		D. R. Begault, "3-D Sound for Virtual Reality and Multimedia", NASA/TM-2000-209606 (August 2000), pp. 31-67	
		D.W. Grantham and F.L. Wightman, Jour. Acoust. Soc. Amer., Vol. 65 (1979) pp. 1509-1517	
		D.W. Grantham; "Spatial" Hearing and Related Phenomena", (in) B.C.J. Moore, <u>Hearing</u> , Academic Press, 1995, pp. 297-345	
		J.F. Cutting and H.S. Colburn, Jour. Acoust. Soc. Amer., Vol. 107 (2000) pp. 517-527	
		ISO Standard 5129 (1981) "Acoustics - Measurement of noise inside aircraft"	
		ISO Standard 7731 (1986) "Danger signals for work places-Auditory danger signals"	
		ISO Standard 8201 (1987) "Acoustics-Audible emergency evacuation signal"	

Examiner Signature	Date Considered
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